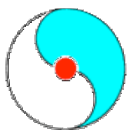




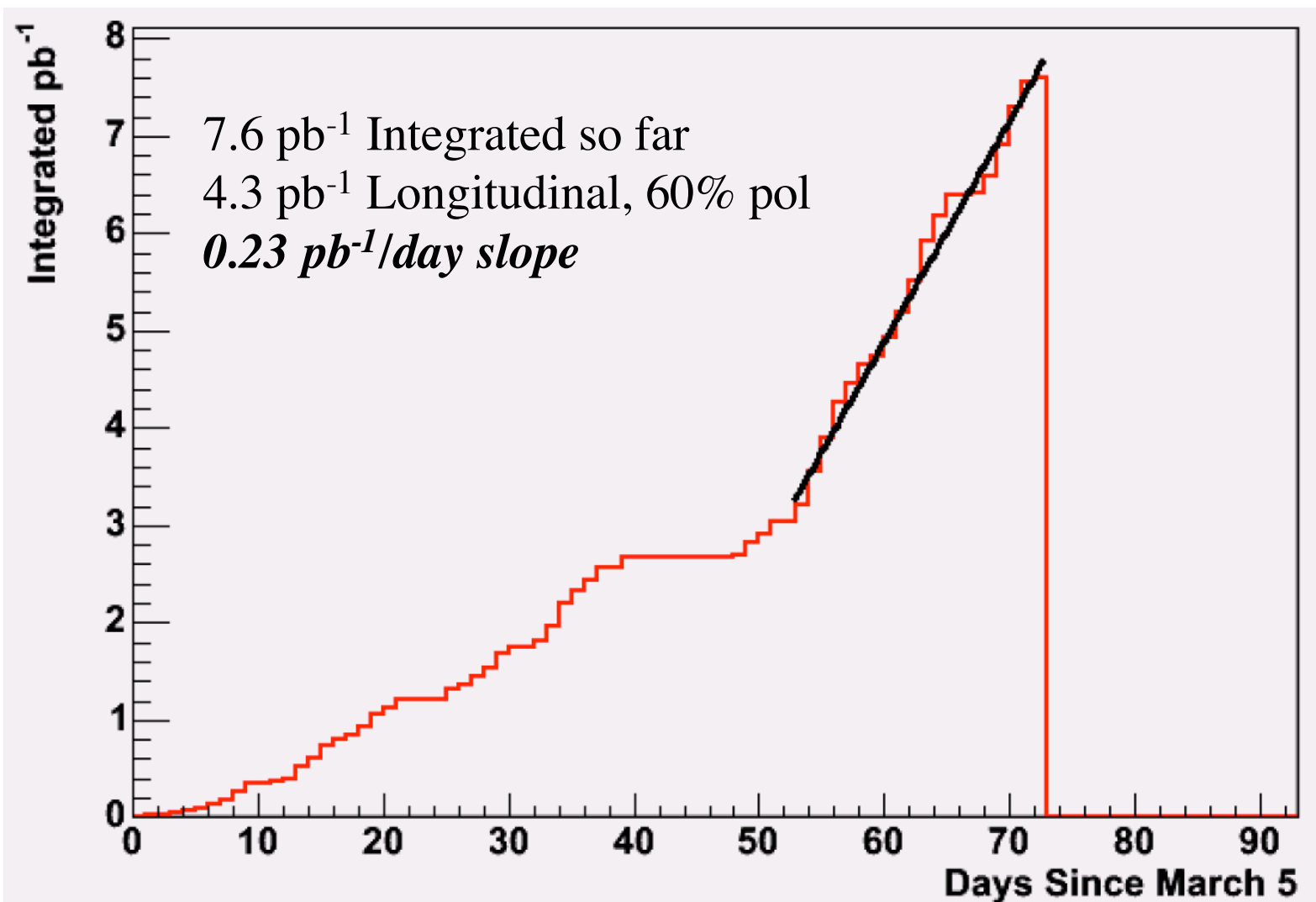
Run-6 Status

Abhay Deshpande
Stony Brook & RBRC

Time and Scheduling Meetings
May 16, 2006



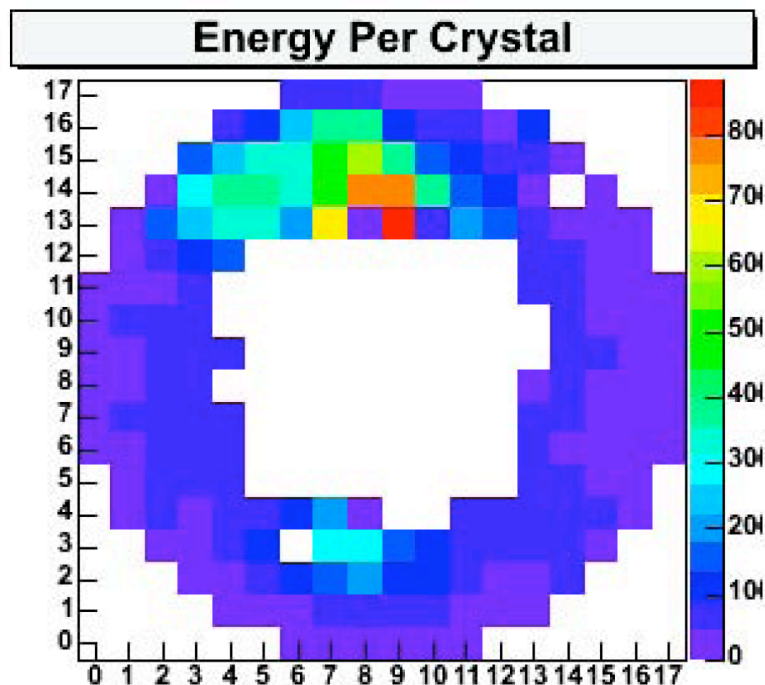
BBCL1 Live ($|\text{vtx}| < 30.0\text{cm}$)



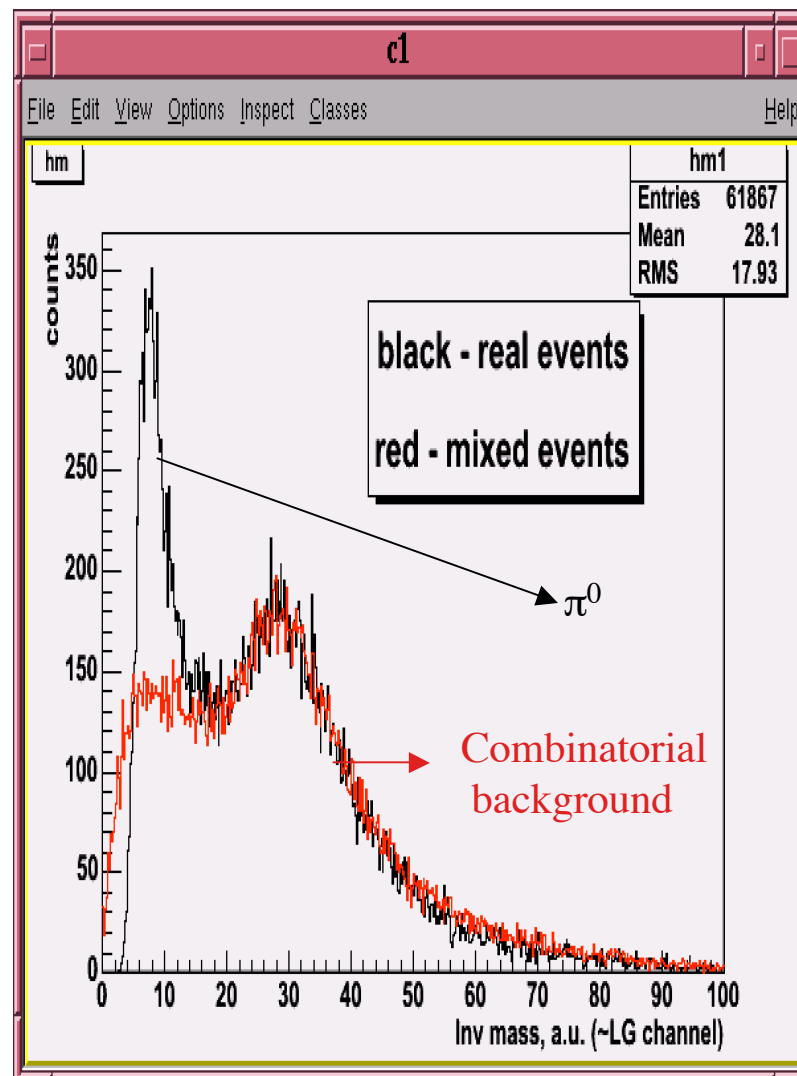
Numbers & upgrades...

- Accumulations so far
 - We have collected 7.6 pb⁻¹ since the beginning of the run
 - 0.4 pb⁻¹ early runs (before March 12)
 - 2.7 pb⁻¹ transverse radial (before April 26) with <56%> polarization
 - 4.3 pb⁻¹ longitudinal field (since April 26) with <59%> polarization
- New detectors in 2006
 - **Muon Piston Calorimeter (MPC) South:** now being read out
 - Signals, noise issues being understood now
 - It is already in the regular data collection partition
 - **Hadron Blind Detector (HBD)**
 - Presently in the IR, no signals read out yet, but people are working on it feverishly
 - Expect to raise to its operational position (next to the beam line) on May 25, 4 hr access if the readout etc. are completely debugged

The MPC is working now....



95 % of planned acceptance
being read now.
Fine debugging in progress
MPC North will be installed
before Run-7



Expectations....

- **Remaining days at 200 GeV: 20**
 - -2 machine development shifts
 - -4 half/quarter shifts for BRAHMS study next week
 - Other regular maintenance 1 day
 - Over all expect to loose about 3 days
 - **Leaves us with 15-17 days of operations**
 - **IT IS IMPORTANT TO RUN CONTINUOUSLY NOW WITH MINIMAL BREAK.**
 - **EACH DAY/SHIFT COUNTS**
- PHENIX looks forward to the**
- 22 GeV CM test for 24 hrs
 - 2 weeks of 62.4 GeV CM
 - We heard this morning from WM that longitudinal operations seems straightforward
 - We look forward to the Thursday's experimental verification of this test
 - And the 500 GeV machine studies and possibly a few shifts of data taking
 - Local polarimetry
 - Studies of backgrounds etc in the Muon Arms.
 - We expect run regular shifts